

Motherboards


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AK77 Pro(A)-133



AMD Athlon & Duron K7:
Socket A

CPU

- AMD Athlon XP/Athlon/Duron CPU
- 266MHz

Chipset

- VIA KT266A
- VIA 8233A

Main Memory

- DDR DIMM x 3

Graphics

- 4X AGP slot

Form Factor

- ATX

Overview Key Features Specifications

CPU	<ul style="list-style-type: none"> AMD Athlon XP/Athlon/Duron CPU Socket A 266MHz
Chipset	<ul style="list-style-type: none"> VIA KT266A VIA 8233A
Super I/O	<ul style="list-style-type: none"> Winbond
Clock Gen.	<ul style="list-style-type: none"> Cypress
Main Memory	<ul style="list-style-type: none"> Support : DDR266 [PC2100] DDR DIMM x 3 DIMM Type : 8/16/32/64/128/256/512MB & 1GB Max Memory : 3GB
Graphics	<ul style="list-style-type: none"> 4X AGP slot
IDE	<ul style="list-style-type: none"> Integrated ATA133 Controller Max Disk : 144,000,000GB [by 48 bits LBA Spec.]
Sound	<ul style="list-style-type: none"> Analog Devices AC'97 CODEC on-board
USB	<ul style="list-style-type: none"> USB1.1 x 4
Slots	<ul style="list-style-type: none"> AGP x 1 PCI x 5 CNR x 1
Storage & Back Panel I/O	<ul style="list-style-type: none"> Floppy Drive Connector x 1 IDE Channel : ATA133 x 2 PS/2 Keyboard x 1 PS/2 Mouse x 1 USB Port x 2 COM Port x 2 Printer Port x 1 Game/MIDI Port x 1 Line_In x 1 MIC_In x 1 Speaker_Out x 1
On Board Connector	<ul style="list-style-type: none"> CPU FAN x 1 System FAN x 1 Chassis FAN x 1 Case Open Connector x 1 Front Audio x 1 Front Panel x 1 USB Port x 2 (optional cable) CD_IN x 1 AUX_IN x 1

	<ul style="list-style-type: none"> ▪ Wake_on_LAN x 1 ▪ Wake_on_Modem x 1 ▪ MODEM_CN x 1 ▪ Dr LED x 1
BIOS	▪ Award PnP 2Mb Flash ROM BIOS
Form Factor	▪ ATX
Board Size	▪ 305 mm x 244 mm
Software & Utility	<ul style="list-style-type: none"> ▪ Acrobat Reader ▪ Norton Anti-Virus ▪ AOconfig utility ▪ HWMON utility ▪ Online eBook Manual
Accessory	<ul style="list-style-type: none"> ▪ Easy Installation Guide ▪ Enhanced Full Pictured Manual ▪ Bonus Pack CD disc ▪ Floppy Disk cable ▪ 40-wire IDE cable x 1

Specifications and accessory subject to changes without prior notice

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Customer Reviews (0)

Average Rating  +

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Overview

Supports ATA133 IDE Interface

AOpen recommends you to pair your system with the hard disk equipped with ATA-133 technology to get the best performance of the new motherboards and to satisfy your system's need for speed.



CPU Over Current Protection (OCP)

The Over Current Protection was very popular implemented on ATX 3.3V/5V/12V switching power supply. However, the new generation CPU uses different voltage that has regulator to transfer 5V to CPU voltage (for



example, 2.0V), and makes 5V over current protection useless.

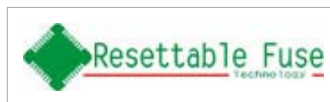
Chassis Intrusion Detector

The "CASE OPEN" header provides chassis intrusion-monitoring function. To make this function works, you have to enable it in the system BIOS, connect this header to a sensor somewhere on the chassis. So, whenever the sensor is triggered by the movement of opening the chassis, the system will send out beep sound to inform you.



Resettable Fuse for Keyboard and USB

Traditional motherboard has fuse for Keyboard and USB port to prevent over-current or shortage. These fuses are soldered onboard that when it is broken (function as protecting the motherboard), user still cannot replace it and the motherboard is still malfunctioning. With expensive Resettable Fuse, the motherboard can be resumed back to normal function after the fuse had done its protection job.



1MHz Stepping CPU Overclocking

Some of AOpen's motherboards come with a newly designed clock generator that allows a 1MHz step increment on the Front Side Bus (FSB), making gradual over-clocking possible through the BIOS software. AOpen motherboard features a variety of easy overclocking options that help your system get maximum performance.



Battery-less & Long-life Design

AOpen Motherboard's implements EEPROM and a special circuit that allows you to save your current CPU and CMOS Setup configurations without the need of a battery. The RTC (real time clock) can also keep running as long as the power cord is plugged.



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